

**What is claimed is:**

1. A system for data storage, comprising:

5 a cartridge to enclose a disk capable of storing data  
and to have a cartridge door to permit access to a disk surface  
of the disk;

a carrier structured to enclose said cartridge and  
have a carrier door to permit access to said cartridge, said  
carrier including an electronic element to have updatable  
10 information about contents of data in the disk enclosed in said  
cartridge, a display operable to display said updatable  
information, and a user control to control which portion of said  
information is displayed;

a locking element operable to lock said cartridge  
15 within said carrier;

a disk drive to receive said carrier and said  
cartridge;

a detection unit within said disk drive to detect that  
a carrier has been received at least partially within said disk  
20 drive; and

a transfer unit within said disk drive to transfer a  
cartridge from within said carrier to an interior of said disk  
drive.

2. A cartridge system for a recording medium, comprising:

a recording medium;

a cartridge enclosing said recording medium, said  
cartridge having a cartridge door to permit access to said  
5 recording medium;

an electronic element in said cartridge having  
updatable information indicative of contents of data in said  
recording medium enclosed in said cartridge;

a display located in said cartridge operable to  
10 display said data; and

a user control for controlling which portion of said  
information is displayed.

3. The system of claim 2, wherein the electronic element  
stores at least one of a file directory, a file size, or a date.

15 4. The system of claim 2, further comprising a power  
supply for said electronic element.

5. The system of claim 4, wherein the power supply is a  
battery.

6. The system of claim 2, wherein the user control  
20 includes at least one button.

7. The system of claim 2, wherein the recording medium is a disk.

8. The system of claim 2, wherein the recording medium is a tape.

5 9. The system of claim 2, wherein the recording medium is a hard drive.

10. The system of claim 2, further comprising a carrier enclosing said cartridge, said carrier including a display operable to display data.

10 11. A cartridge and carrier system of a disk, comprising:  
a disk having updatable information indicative of contents of data on said disk;  
a cartridge enclosing said disk, said cartridge having a cartridge door to permit access to said disk surface;  
15 a display located in said cartridge operable to display said data; and  
a user control for controlling which portion of said information is displayed.